



U.S. Department of Energy

0061589

**Office of River Protection**

P.O. Box 450  
Richland, Washington 99352

**APR 09 2004**

04-ED-039

Mr. Michael A. Wilson, Program Manager  
Nuclear Waste Program  
State of Washington  
Department of Ecology  
1315 W. Fourth Avenue  
Kennewick, Washington 99336

**RECEIVED**  
APR 14 2004  
**EDMC**

Dear Mr. Wilson:

**SUBMITTAL OF PERMIT DESIGN PACKAGE NO. HLW-034, REVISION 0, FOR THE  
WASTE TREATMENT AND IMMOBILIZATION PLANT**

Reference: WA7890008967, "Dangerous Waste Portion of the Hanford Facility Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste, Chapter 10 and Attachment 51, 'Waste Treatment and Immobilization Plant.'"

This letter transmits Permit Design Package High-Level Waste (HLW)-034, Revision 0, "Miscellaneous Treatment Unit Subsystem Equipment for HLW Facility El. -21 ft.," for the State of Washington Department of Ecology (Ecology) approval.

The attached HLW Vitrification Facility permit package provides the information necessary for Ecology to confirm that the structures, equipment, and processes described in the permit package will comply with the reference. This information will allow Ecology to permit the installation of equipment for the miscellaneous treatment unit subsystems located at the -21 ft. elevation of the HLW facility.

A summary description of the permit package is included in Attachment 1. Attachment 2 provides the permit design package, and Attachment 3 provides the Bechtel National, Inc. and U.S. Department of Energy certification statements.

Dangerous Waste Permit (DWP) package submittals are certified coincident with issuance of the integrity assessment report contained in the package. Permit affecting design changes not included in, or occurring after issuance of, the final integrity assessment report will be processed in accordance with DWP requirements for permit modification prior to construction or installation of affected equipment and components. Installation of equipment and components will be done in accordance with permit packages approved and incorporated into the DWP by Ecology.

Due to the potential sensitivity of the attached engineering information, Ecology is requested to place the data for public review in the standard information repositories, but not provide electronic dissemination of the information.

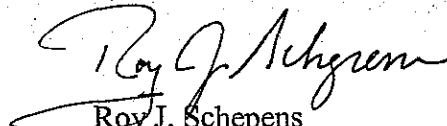
Mr. Michael A. Wilson  
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If you have any questions, please contact me, or your staff may contact Lori A. Huffman,  
Environmental Division, (509) 376-0104.

Sincerely,

  
Roy J. Schepens  
Manager

ED:LAH

Attachments: (3)

cc w/attachs:

B. G. Erlandson, BNI

J. P. Henschel, BNI

J. Cox, CTUIR

S. Harris, CTUIR

S. L. Dahl, Ecology

E. A. Fredenberg, Ecology

S. J. Skurla, Ecology (22)

P. Sobotta, NPT

J. B. Hebdon, RL (w/o attachs)

A. C. McKarns, RL

R. Jim, YN

Administrative Record

Environmental Portal, LMSI